

Title (en)
SERVOMOTOR SPEED CONTROL IN A POSITIONING DEVICE

Publication
EP 0132353 B1 19920212 (EN)

Application
EP 84304817 A 19840713

Priority
JP 12995583 A 19830715

Abstract (en)
[origin: US4594536A] A servomotor speed control system includes a ROM table which stores a minimum distance suited for each motor speed. When the minimum distance corresponding to the current motor speed becomes shorter than the current distance from the current motor position to a positioning target point, the instructed speed is reduced to decelerate the servomotor rotation. In a preferred form, the unit of the distance is identical with an interval of a position indicating signal developed from a rotary encoder associated with the servomotor.

IPC 1-7
B41J 1/30; **B41J 21/08**; **G05D 3/20**

IPC 8 full level
H02P 29/00 (2016.01); **G05B 19/416** (2006.01); **G05D 3/12** (2006.01)

CPC (source: EP US)
G05B 19/416 (2013.01 - EP US); **G05B 2219/43004** (2013.01 - EP US); **G05B 2219/43097** (2013.01 - EP US)

Cited by
EP0170478A3; CN107544259A; EP0253906A1; US5485065A; GB2277172B; CN109960290A

Designated contracting state (EPC)
DE GB IT

DOCDB simple family (publication)
US 4594536 A 19860610; CA 1219901 A 19870331; DE 3485509 D1 19920326; EP 0132353 A2 19850130; EP 0132353 A3 19850710; EP 0132353 B1 19920212; JP H0655037 B2 19940720; JP S6022483 A 19850204

DOCDB simple family (application)
US 63026584 A 19840712; CA 458874 A 19840713; DE 3485509 T 19840713; EP 84304817 A 19840713; JP 12995583 A 19830715